

Species Tag: 43004  
 Version: 1  
 Date: Jan. 1997  
 Contributor: J. C. Pearson

Species Name: CP  
<sup>2</sup>*Sigma*

Lines Listed:	397	Q(300.0)=	1050.1389
Freq. (GHz) <	2413	Q(225.0)=	787.8041
Max. J:	50	Q(150.0)=	525.5325
LOGSTR0=	-10.0	Q(75.00)=	263.3758
LOGSTR1=	-8.0	Q(37.50)=	132.3437
Isotope Corr.:	0.0	Q(18.75)=	66.8446
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	34.1103
$\mu_a$ =	1.0	A=	
$\mu_b$ =		B=	23859.9
$\mu_c$ =		C=	

The experimental measurements were reported by S. Saito, S. Yamamoto, K. Kawaguchi, M. Ohishi, H. Suzuki, S.-I. Ishikawa and N. Kaifu, 1989, *Astrophys. J.* **341**, 1114. There are a number of X to A electronic band ( 2100 cm<sup>-1</sup>) measurements which were not included in this analysis.

The dipole moment has not been measured so unit dipole was used in the calculation.